

ABSTRACT OF THE DISCLOSURE

A method for eliminating noise signals in a radio signal receiving device receives data containing a series n bits that include a plurality of noise signal bits. The voltage level of the noise signal bits is corrected based on the voltage level of the bits before and after the noise signal bits and
5 is transformed to the same level as the bits before and after thereby to eliminate the noise signals. The method can correct damaged data bits and determine whether the width of data bits meets requirements to avoid erroneous determination when data are damaged.